Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 30 Jan 2021 until 23:59 on Sunday 31 Jan 2021

Forecast Issued on Friday 29 Jan 2021 at 13:10

Confidence: High for overall developments, becoming medium from Monday, but low confidence for amounts of snow and timings on Tuesday.

Headline for Saturday 30 Jan 2021: Mainly dry, cold and bright with some sunshine, but perhaps the odd snow flurry.

Mountain weather hazards on Saturday 30 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
<05%	<05%	10%	10%	10%	10%	10%	00%

Forecast for Saturday 30 Jan 2021

Weather: Some clear spells overnight and very cold with perhaps the odd snow flurry over eastern fells. Little change through the day, mainly dry and bright with sunny spells and risk of the odd snow flurry in the east. Clear spells in evening with a sharp frost and icy conditions.

Chance of cloud free mountain/hill tops above 800m: 70-80%, with occasionally broken cloud down to 600 or 700m, but perhaps 450 m in any snow flurries. Longer cloud free periods over western fells

Visibility: Good or very good, but moderate in any snow flurries.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 30 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	35/43 E	39/48 E	45/55 E	45/56 E	39/50 E	31/41 E	29/37 E	26/33 E	18/24 E
600	26/36 E	30/41 E	31/42 E	29/40 E	30/41 E	23/33 E	16/23 E	17/25 E	13/19 E
300	13/31 E	17/37 E	17/40 E	16/38 E	15/37 E	9/27 E	5/19 NE	6/20 NE	4/15 E
Valley	10/24 E	14/29 E	12/31 E	11/30 E	11/28 E	12/26 NE	8/20 NE	7/16 NE	4/9 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-13	-4/-14	-4/-15	-5/-15	-4/-14	-4/-13	-4/-13	-4/-13	-4/-12
600	-1/-9	-2/-10	-2/-11	-2/-11	-1/-10	-1/-8	-2/-9	-3/-9	-3/-8
300	1/-4	0/-6	0/-6	0/-6	1/-4	2/-2	-0/-3	-1/-4	-2/-4
Valley	3/-1	3/-2	2/-2	2/-1	4/0	4/0	2/-1	1/-2	1/-2
Freezing Level*	400m	300m	200m	200m	200m	300m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant chill should be expected.

Forecast for Sunday 31 Jan 2021

Weather: Dry, cold, but mostly sunny start, but sunshine turning hazy as high cloud spreads over area from late morning. High cloud thickening in afternoon but staying dry and reasonably bright

Maximum wind: East or southeast 10-15 mph, but 20-25 gust 35mph over higher slopes in afternoon

Chance of cloud free mountain/hill tops above 800m: 80% with occasional cloud down to 800m.

Visibility: Good or very good.

Temperature: **Valleys:** Minus 2 C to plus 1 C
At 800m: Minus 3 or minus 4 C
Freezing level: All levels

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 29 January 2021. Location: Helvellyn summit at 10:44 Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally.

Here is today's report: A cloudy day with light winds and thawing conditions at all levels. The snow level now starts at around 700m. Above this height, and across the Helvellyn plateau, the ground is now a patchwork of wet snow, ice, and exposed ground. Many of the paths are still substantially covered in snow, and in reduced visibility, they may be difficult to follow. The greatest accumulations of snow are to be found on steep north through east-facing aspects where significant quantities still remain. Many of the cornices (snow overhangs) have collapsed in the milder temperatures, however, they are still present in these areas, generally around corrie rims. Please give them a wide berth. The forecast going into the weekend is for subzero temperatures down to low levels. Any remaining snow will re-freeze and with all the wet ground, ice may also be present over large areas. Swirral and Striding edge (and similar steep and exposed routes) will be serious propositions in these conditions and should only be attempted by those with sufficient winter mountaineering experience and the correct equipment including an ice axe and crampons. For anyone venturing into the high fells, full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots, and additional items including a headtorch, map and compass, and goggles (for navigating in windy conditions) are essential. Walking poles and microspikes are also very useful. Please be conservative with your plans and know your limits. Temperature: plus 0.9 C, Maximum wind speed 19.4 mph, Wind chill: minus 3.7 C, Average wind speed: 11.3 mph

Issued at: 1310 on Fri 29 Jan 2021

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